CLAIMS

1. A hair curler wherein a heating element composed of a support plate having a heater fitted into an opening hole bored at the support plate, interposed between terminals inside of a cap having the terminals planted therein, and heat conductors fixed to the terminals in such a manner as to hold the support plate from both sides, is contained inside a rod made of a heat resistant plastic having an opening at one end thereof so as to seal the opening with the cap.

2. A hair curler wherein a heating element composed of heat conductors having a heater therebetween fixed to terminals planted inside of a cap is contained inside a rol made of a heat resistant plastic having an opening at one end thereof so as to seal the opening with the cap.

3. The hair curler of claims 1 or 2, wherein the heat conductor is formed of a plate-like member and arcuate portions bent from both ends of the plate-like member.

4. The hair curler of any one of claims 1 to 3, wherein a portion of the heat conductor in contact with the heater is formed into a projecting surface.

5. The hair curler of any one of claims 1 to 4, wherein the terminals are insert-molded in the cap.

6. The hair curler of any one of claims 1 to 5, wherein the heat conductor is screwed in the terminal.

7. The hair curler of any one of claims 1 to 6, wherein the heat conductor is made of aluminum.

8. The hair curler of any one of claims 1 to 7, wherein the rod made of a heat resistant plastic is formed into an arcuate shape, in which the diameter at the center is smaller than those at both ends.

9. The hair curler of any one of claims 1 to 8, wherein at least one row of minute projections formed in a longitudinal direction of the rod made of a heat resistant plastic.

10. The hair curler of any one of claims 1 to 9, wherein the cap and the support plate are made of a heat resistant plastic.

11. The hair curler of any one of claims 1 to 10, wherein the heat resistant plastic is a glass fiber reinforced polyester.

12. The hair curler of any one of claims 1 to 11, wherein the heat resistant plastic contains therein a far infrared radioactive substance and/or a minus ion producing substance.

13. A hair wave device wherein the hair curler claimed in any one of claims 1 to 12 is disconnectably connected to a cord extending from a distributor.

14. The hair wave device of claim 14, wherein the plurality of hair curlers are connected to the cord.

15. The hair wave device of claims 13 or 14, wherein a base mount and a controller are disposed under and above a strut, respectively, and at least one container is turnably pivoted between the base mount and the controller.

16. A hair wave application method performing application by using the hair wave device claimed in any one of claims 13 to 15 in a state in which the cord connected to the hair curlers is kept to be loosened.